Central Internet Database:

User Interface

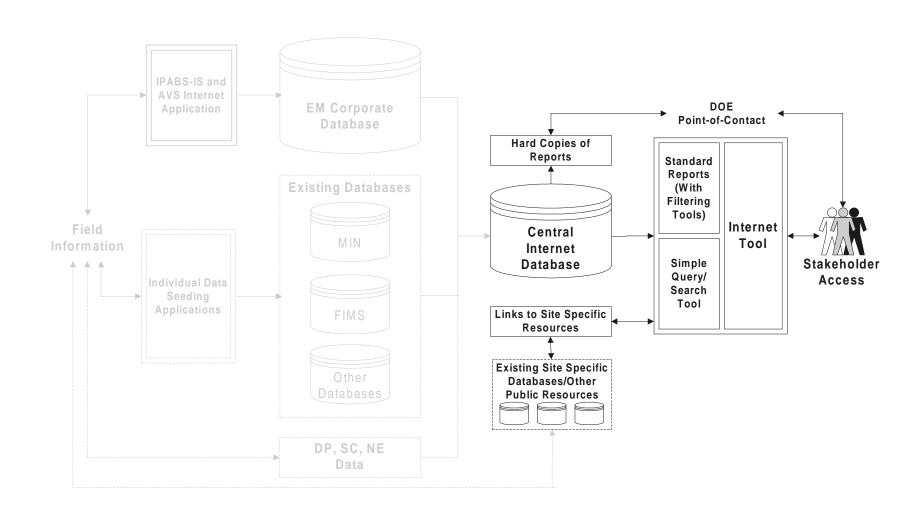
National Stakeholder Forum Columbia, MD June 3-4, 1999



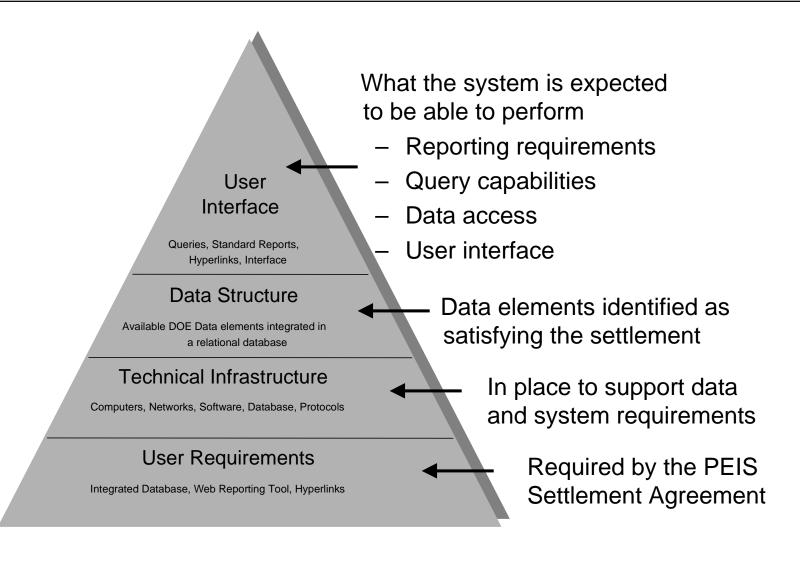
Presented by Jim Werner

Friday, June 4, 1999

User Interface Overview



Central Internet Database: System Requirements



General Content of User Interface

- The Central Internet Database (CID) will operate as a WWW site
- Criteria for good web pages:
 - Organized the way people think
 - Allow users to get <u>access</u> to data
 - Allow users to <u>understand</u> of data
- Basics of user-friendliness:
 - Well structured, "content-rich" (not just chart clutter)
 - Compatible with systems most people use
 - Good integration of graphics and text

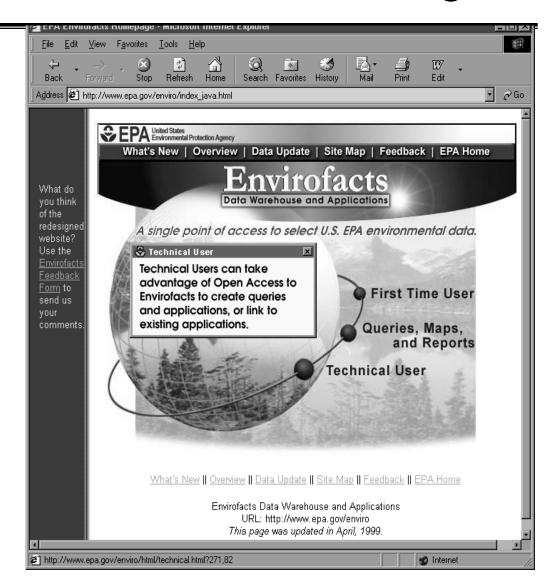
Key Parts of a User Interface

- How a web site looks
 - Home page
 - Navigation
 - Site Map
 - Site Index
- How a web site works
 - Searches
 - Query
 - Results

How A Web Site Looks: Home Page

Purposes:

- Quickly orient user to web site content
- Summary of the purpose of the web site
- EPA's "Envirofacts"
 - Several options up front
 - Easy for user to understand functions of the site



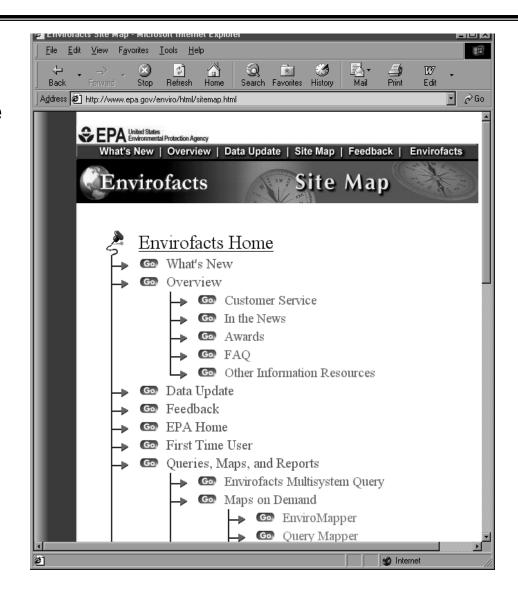
How A Web Site Looks: Navigation

Navigation within the site must be <u>easy</u> and <u>logical</u>



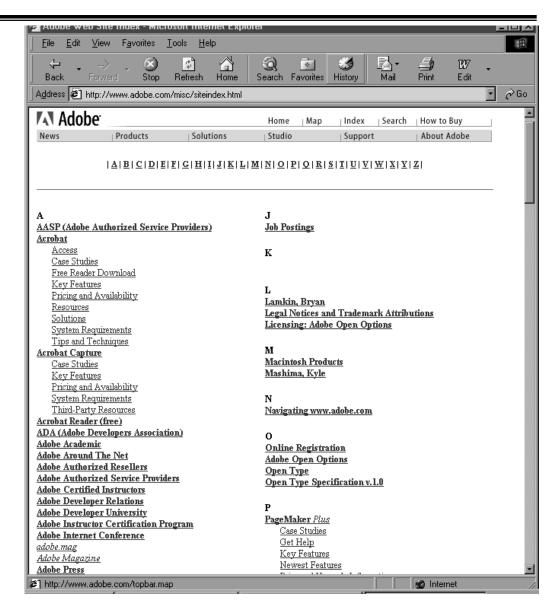
How A Web Site Looks: Site Map

- Provides a means for quickly viewing major content categories of a site using text and images
- Can quickly orient the user to what information is available
- EPA's "Envirofacts"
 - Organized in a logical manner
 - Shows site structure



How A Web Site Looks: The Site Index

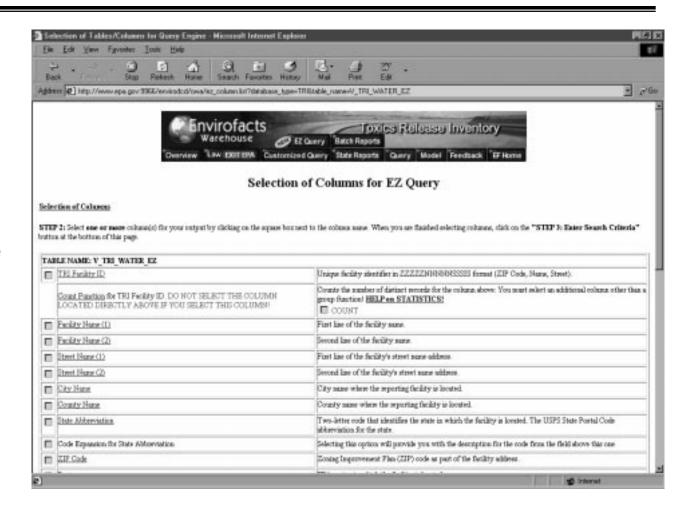
- Similar to alphabetical indices found at the back of books
- Adobe's site provides a very comprehensive look at what is contained in their site
- Allows a user to find a specific section of the web site without "surfing"



How A Web Site Works: Query

Check boxes

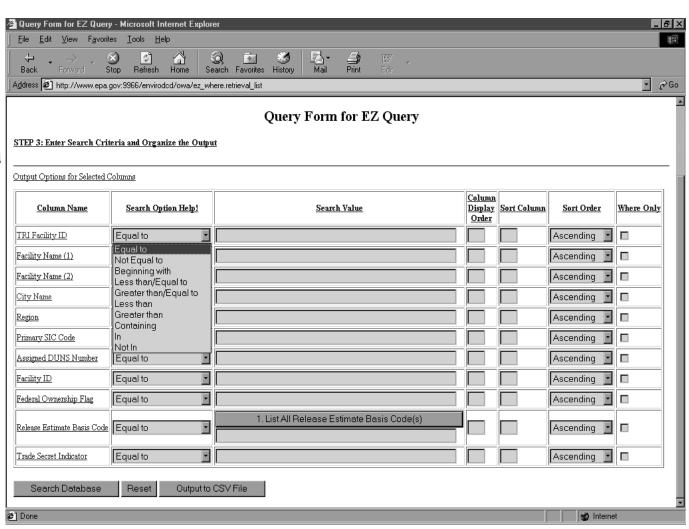
- Check boxes will allow the user to define the organization and content to be retrieved from the database
- Easy to design queries to user specifications
- Description column is useful



How A Web Site Works: The Query

Pick Lists

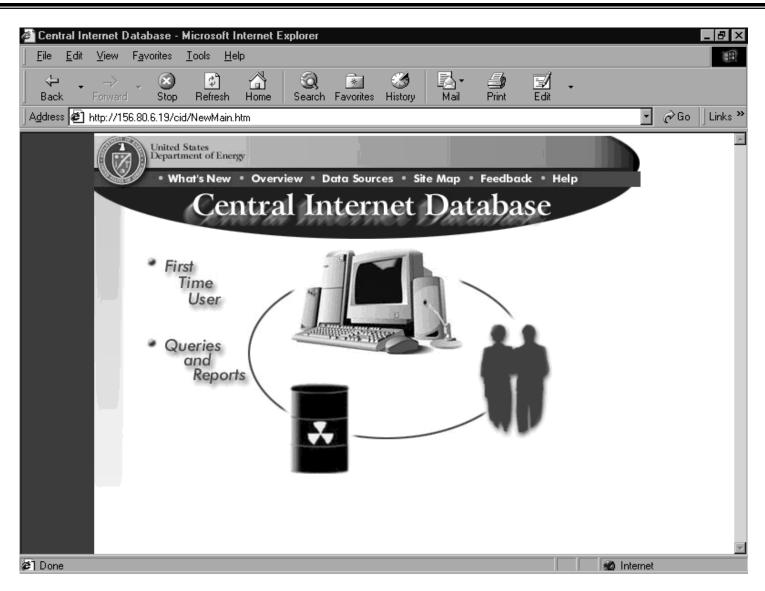
- Pick lists allow the user to define data organization and content
- Allows for several variations in the query and resulting report
- Easy to use



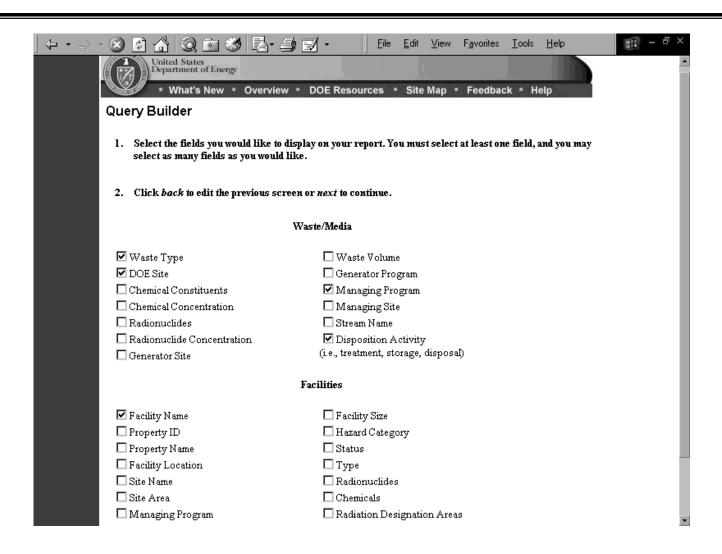
User Interface Discussion Questions

- How should the user interface <u>look?</u>
 - What information should be on the home page?
 - How should features of the web site be presented?
 - What graphics/text combinations should be available?
- How should the user interface work?
 - How will search features be used?
 - What are important criteria for building queries?
 - What are the key data items for sorting and organizing information?

Discussion Sample: Home Page



Discussion Sample: Query Page



Discussion Sample: Query Page

